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... We plan to add this knowledge to the scheduler so that it can take into account the higher costs  
of moving a virtual op from one core to another, as compared to a regular task. Page 230-230+  
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... placed driver code in a separate logical fault domain, essentially providing virtual memory  
extension ... a logical isolation layer must be used to provide isolation of scheduling and access ...  
The implementation that we present in Section 4 uses a virtual machine monitor (VMM) to ...  
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... 5. Xen's Credit Scheduler 3.1 Operation The current version of the Xen virtual machine  
monitor (version 3) uses a credit scheduler to schedule domains. Each domain is given  
a certain number of credits by the system administrator. ...  
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#### Virtual machine monitors for scalable multiprocessors

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... Kevin J. Tsakas Assistant Examiner—Thai Phan [57] ABSTRACT The problem of extending modern  
operating systems to run efficiently on large-scale shared-memory multiprocessors without a  
large implementation effort is solved by a unique type of virtual machine monitor. ...  
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... is identical or similar to the physical hardware (CPU, memory, disks, network card, monitor,  
Keyboard, mouse ... an interrupt after most fail but (26) of the branches in that scheduling interval ...  
in HVLinux is non-deterministic: this is an abstraction above the virtual machine and is ...  
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... The ability to move running virtual machines gives some hardware challenges, such as  
scheduling overheads ... from operation outside the virtual machine ... but also benefit from the